

Form PTO-1449 (modified) Atty. Docket No. Serial No. **UVMO:003** 09/237,164 of Patents and Publications for Applicant's **Applicant** Robert Michael Roberts et al. INFORMATION DISCLOSURE STATEMENT Filing Date: Group: (Use several sheets if necessary) 1641 March 19,1999 U.S. Patent Documents **Foreign Patent Documents** Other Art See Page 1 See Page 1 See Page 1

			U.S. Pat	tent Docum	ents		
Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
		<u> </u>	Foreign F	Patent Docu	ments	<u> </u>	
Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. \Init.	Ref. Des.	Citation
$\mathcal{N}$	C35	Hughes et al., "Adaptive diversification within a large family of recently duplicated, placentally expressed genes," <i>PNAS</i> , 97:3319-3323, 2000.
$\mathcal{N}$	C36	Green et al., "Pregnancy-associated bovine and ovine glycoproteins exhibit spatially and temporally distinct expression patterns during pregnancy," <i>Bio. Of Repro.</i> , 62:1624-1631, 2000.

**EXAMINER: DATE CONSIDERED:** 

EXAMINER: INITIAL INTERESPENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND FOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

Information Disclosure Statement					Applicant Robert Michael Roberts et al.  Filing Date: March 19, 1999 Patent Documents See Page 1  Control See Page 1  Control See Page 1			
(Use several sheets if necessary)			Filing Date: March 19, 19	March 19, 1999		" ECHO		
- Ai			n Patent Documen			ther Art		
AR.	See P	age 1		See Page 1		Se	ee Page 1	
-			U.S. Pa	tent Docume	ents			
Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.	
			Foreian F	 Patent Docui	ments			
Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No	
				<del></del>	-			
					1			
(	Other A	Art (Includi	ing Autho	r, Title, Date	Pertin	ent Pag	jes, Etc.)	
	Other A	Art (Includi	ing Autho	or, Title, Date		ent Pag	jes, Etc.)	
Exam.	Ref.	Garabayo et al.,	, "Caprine pregi	Citatio	ycoproteins	(PAG): The	ir cloning expression	
Exam.	Ref. Des.	Garabayo et al., and evolutionar Green et al., "B	, "Caprine pregry relationship to	Citation	ycoproteins Reprod Dev	(PAG): The , 57:311-322 G) exhibit d	oir cloning expression 2, 2000.	
Exam.	Ref. Des.	Garabayo et al., and evolutionar Green et al., "B patterns during Green et al., "Ic	, "Caprine pregry relationship to sovine pregnance gestation," <i>Bioi</i>	nancy-associated gloother PAG," Mo.	ycoproteins Reprod Dev proteins (PA 1):497, 1999 domain prote	(PAG): The , 57:311-322 G) exhibit d	oir cloning expression 2, 2000.	
Exam.	Ref. Des. C37	Garabayo et al., and evolutionar Green et al., "B patterns during Green et al., "Ic ovine trophobla Green et al., "P.	, "Caprine pregry relationship to Bovine pregnance gestation," Bioidentification of ast," Biol Reproducts	nancy-associated gloother PAG," Mo. 2cy-associated glycople Reprod, 60(Supplar family of Kunitz of	ycoproteins Reprod Dev proteins (PA 1):497, 1999 domain prote	(PAG): The , 57:311-322 G) exhibit d ). eins express	oir cloning expression 2, 2000.  distinct expression ed in bovine and	
Exam.	Ref. Des. C37 C38	Garabayo et al., and evolutionar Green et al., "B patterns during Green et al., "Ic ovine trophobla Green et al., "P expression patte	, "Caprine pregry relationship to devine pregnance gestation," Biole dentification of ast," Biole Reproduction of regnancy-assocerns during pregrams	nancy-associated gloother PAG," Mo. 2cy-associated glycopl Reprod, 60(Suppl a family of Kunitz od, 58 (Suppl 1):310 ciated glycoprotein egnancy., Bio. Reprod	ycoproteins Reprod Dev proteins (PA 1):497, 1999 domain prote exhibit spatia d, 62:1624-1	(PAG): The 57:311-322 G) exhibit do). eins express ally and tem 631, 2000.	oir cloning expression 2, 2000.  distinct expression ed in bovine and	
Exam.	Ref. Des. C37 C38 C39 C40	Garabayo et al., and evolutionar Green et al., "B patterns during Green et al., "Ic ovine trophobla Green et al., "P expression patte Green et al., "P 1994. Green et al., "P	, "Caprine pregry relationship to govine pregnance gestation," Biol Reproductions," Biol Reproductions, Biol Reproductions during pregrancy-assocerns during pregrancy-assocerns contracts of the state	nancy-associated gloother PAG," Mo. 2cy-associated glycopl Reprod, 60(Suppl a family of Kunitz od, 58 (Suppl 1):310 ciated glycoprotein egnancy., Bio. Reprod	ycoproteins Reprod Dev. proteins (PA 1):497, 1999 domain proteins exhibit spatia d, 62:1624-1 of the horse	(PAG): The 57:311-322 G) exhibit do 2. eins express ally and tem 631, 2000.	eir cloning expression 2, 2000. distinct expression ed in bovine and porally distinct rod, 50 (Suppl 1):152,	
Exam.	Ref. Des. C37 C38 C39 C40 C41	Garabayo et al., and evolutionar Green et al., "B patterns during Green et al., "Icovine trophobla Green et al., "P expression patte Green et al., "P 1994. Green et al., "P groteinases," M Green et al., "T glycoprotieins (	, "Caprine pregry relationship to Bovine pregnance gestation," Biol dentification of ast," Biol Reproduction as a superior regnancy-associated	citation nancy-associated glaco other PAG," Mo. 20 sy-associated glycopal Reprod, 60(Supplar family of Kunitz od, 58 (Suppl 1):310 stated glycoprotein engrancy., Bio. Reproduitated glycoproteins stated glycoproteins	ycoproteins Reprod Dev proteins (PA 1):497, 1999 domain prote exhibit spatia d, 62:1624-1 of the horse A family of the detection was and heift	(PAG): The 57:311-322 G) exhibit do 2. eins express ally and tem 631, 2000. "Biol Repress" are allytically nof pregnarers," Depart	eir cloning expression 2, 2000.  istinct expression  ed in bovine and  porally distinct  rod, 50 (Suppl 1):152,  ly inactive aspartic  ncy-associated	

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

For	m PTO-1449 (modified)		Atty. Docket No.	Serial No.		
			UVMO:003US	09/273,164		
List	of Patents and Publications for	Applicant's	Applicant			
			Robert Michael Roberts et al.			
INFORMATION DISCLOSURE STATEMENT						
- 1			Filing Date:	Group:		
3 2	(Use several sheets if necessa	ry)	March 19, 1999	1641		
3 V	U.S. Patent Documents	Foreign 1	Patent Documents	Other Art		
NE.	See Page 1		See Page 1	See Page 1		

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
h	C45	Szafranska <i>et al.</i> , "The genes for porcine and bovine pregnancy-associated glycoprotein 2: Its structural organization and analysis of its promoter," <i>Mol. Reprod. De.v</i> , 66:137-146, 2001.

25330117.1

Examiner: ( # Date Considered: 4/18/04

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.